

Figure 1. The effect of Glycerol on 5'-3' polymerization activity of *Bst*-II DNA Polymerase

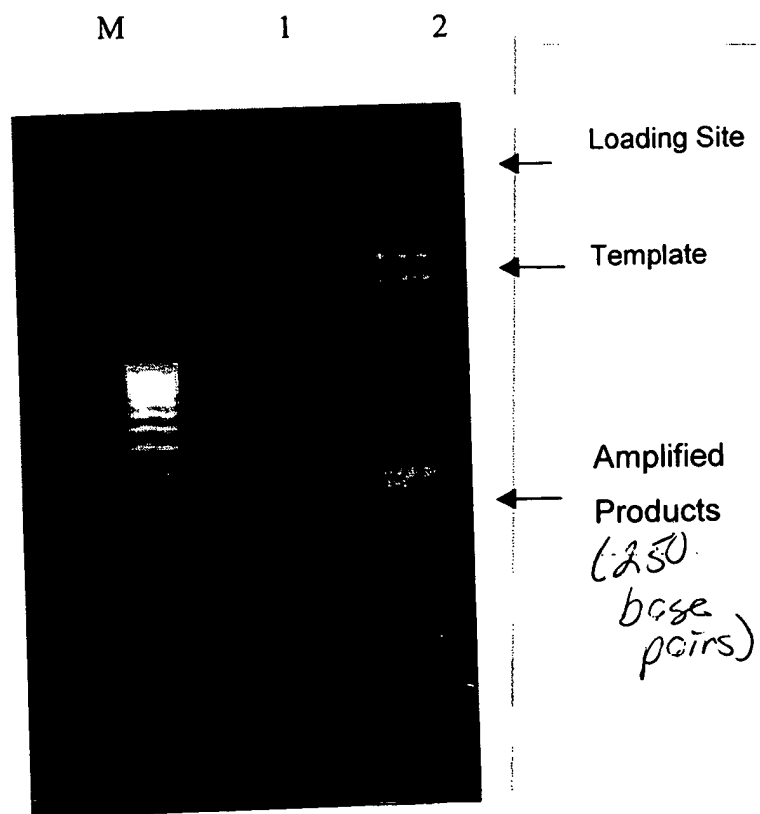


Figure 2. Low-Temperature Amplification in 40% glycerol

M GeneRuler™ DNA Ladder (MBI, Fermentus)

1. LT-Amplification in 40% glycerol (template: 16ng/ul)
2. LT-Amplification in 40% glycerol (template: 160ng/ul)

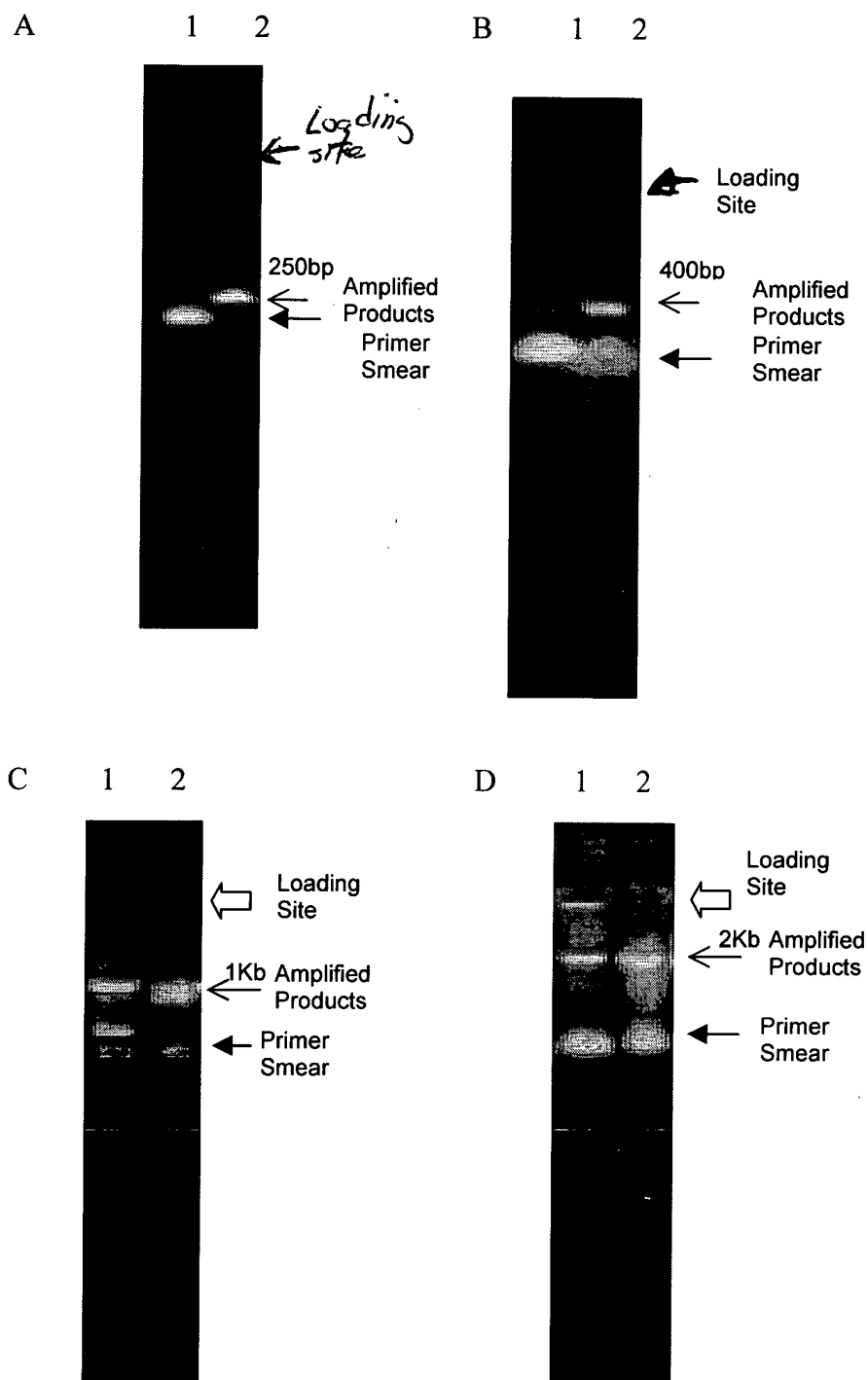


Figure 3. Low-Temperature cycle primer extension in 35% glycerol (lane 1) and in 15% glycerol (lane 2) with amplified products of different bp lengths.

Amplified products: A. 250bp; B. 400bp; C. 1kb; D. 2kb

A1 A2 A3 A4 A5 M1 M2 B1 B2 B3 B4 B5

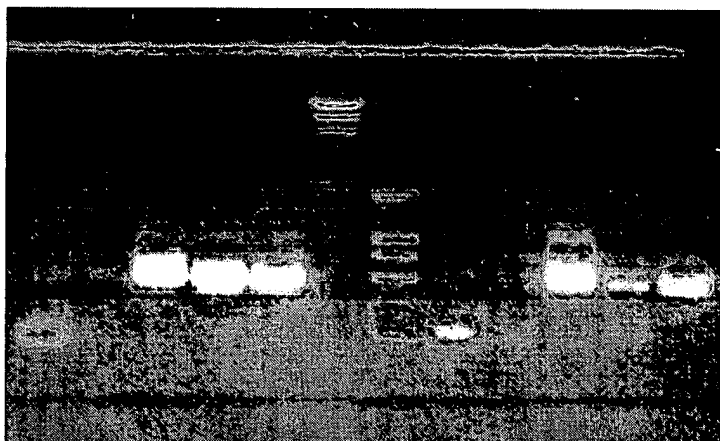


Figure 4. Low-temperature cycle extension of 17mer and 30mer primers with moderately thermostable DNA polymerases and Klenow fragment.

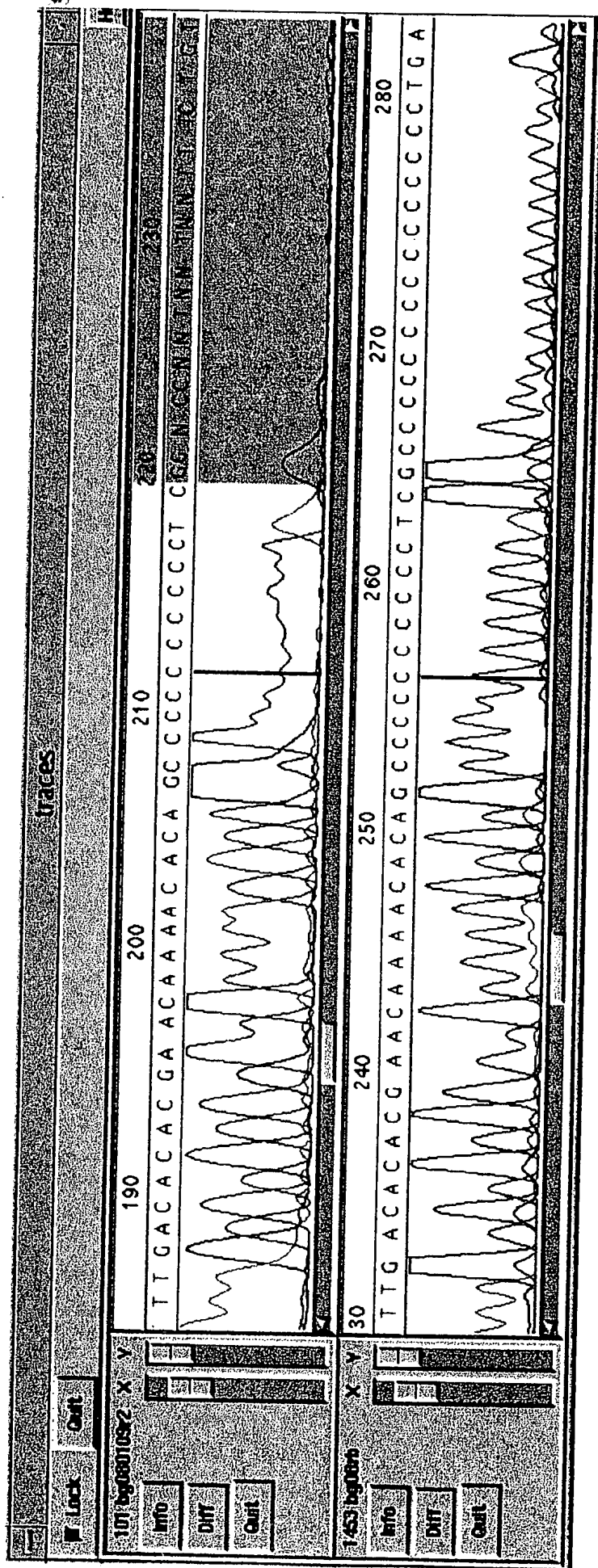
[illegible]

Figure 5

FIG. 5

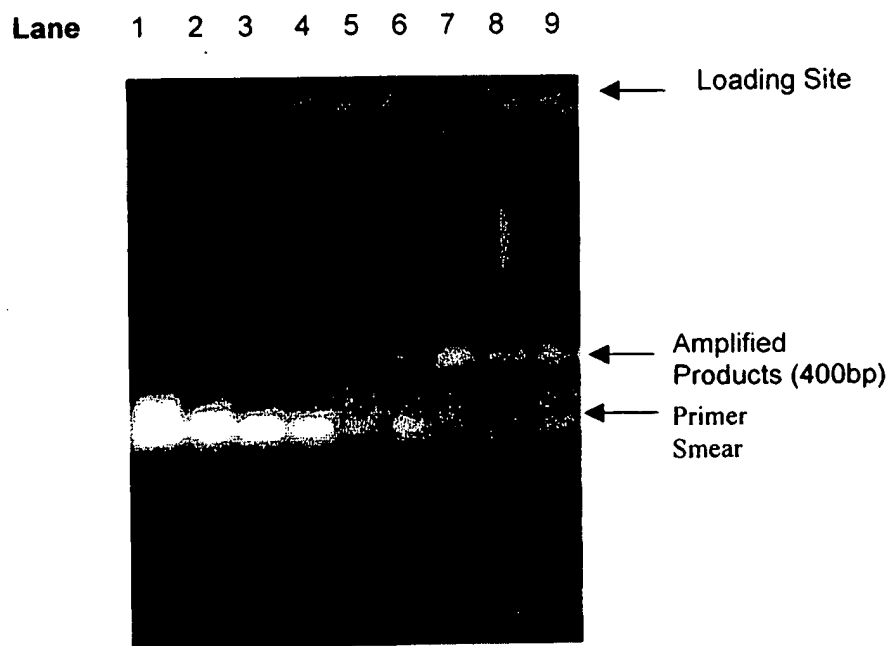


Figure 6. Various temperature steps for cycle primer extension by a moderately thermostable DNA polymerase, Bst-II, with no glycerol or 15% glycerol